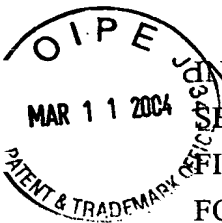


DOCKET NO. 2343-137-27

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



IN RE APPLICATION OF: Jeffrey B. CASADY et al.

ART UNIT: 2811

SERIAL NO.: 10/033,785

EXAMINER: Junghwa M. Im

FILING DATE: January 3, 2002

FOR: SILICON CARBIDE AND RELATED WIDE-BANDGAP TRANSISTORS
ON SEMI-INSULATING EPITAXY FOR HIGH SPEED, HIGH-POWER
APPLICATIONS

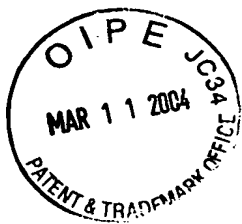
AMENDMENT

ASSISTANT COMMISSIONER FOR PATENTS
PO BOX 1450
ALEXANDRIA, VA 22313-1450

SIR:

Responsive to the outstanding Office Action dated December 11, 2003, entry of the
following amendments is respectfully requested.

03/12/2004 SSESHE1 00000066 10033785
01 FC:2202 45.00 DP



2811
#

PIPER RUDNICK LLP
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WASHINGTON, DC 20036-2412
TELEPHONE: 202-861-3900
FACSIMILE: 202-223-2085

DOCKET NO.: 2343-137-27

ASSISTANT COMMISSIONER FOR PATENTS
PO BOX 1450
ALEXANDRIA, VA 22313-1450

Re: Serial No.: 10/033,785
Applicant(s): Jeffrey B. CASADY et al.
Filing Date: January 3, 2002
For: SILICON CARBIDE AND RELATED WIDE-BANDGAP
TRANSISTORS ON SEMI-INSULATING EPITAXY FOR HIGH SPEED,
HIGH-POWER APPLICATIONS
Group Art Unit: 2811
Examiner: Junghwa M. Im

SIR:

Attached hereto for filing are the following papers:

**FEE TRANSMITTAL
AMENDMENT**

Our check in the amount of \$ 45.00 is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary extension of time to make the filing of the attached documents timely, please charge or credit the difference to Deposit Account No. 50-1442. Further, if these papers are not considered timely filed, then a request is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

PIPER RUDNICK LLP

Steven B. Kelber
Attorney of Record
Registration No.: 30,073

Christopher W. Raimund
Registration No. 47,258



FEE TRANSMITTAL

Docket No.	2343-137-27
Serial No.	10/033,785
Filing Date	January 3, 2002
Inventor(s)	Jeffrey B. CASADY et al.
Group Art Unit	2811
Examiner	Junghwa M. Im

TOTAL AMOUNT OF PAYMENT \$45.00

1. ☒ Applicant claims small entity status.
- ☒ Charge any UNDERPAYMENT or credit any OVERPAYMENT in the indicated fees to Deposit Account No. 50-1442.
- ☐ Charge the indicated fees to Deposit Account No. 50-1442.

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)				\$0.00	

2. EXTRA CLAIM FEES

tot. claims		52	-	47*	=	5	x	\$9	=	45	1501	1330	2501	665	Utility/Reissue Issue Fee		
ind. claims		3	-	3*	=	0	x	\$43	=	0	1502	480	2502	240	Design Issue Fee		
<input type="checkbox"/>	Multiple Dependent Claims							\$145	=		1504	300	1504	300	Publication Fee		
Large Entity		Small Entity		Fee Description							8001	3	8001	3	Advance Copy of Patent		
Fee Code	Fee (\$)	Fee Code	Fee (\$)								1460	130	1460	130	Petitions to the Commissioner		
1202	18	2202	9	Claims in excess of 20							1806	180	1806	180	IDS Submission		
1201	86	2201	43	Independent claims in excess of 3							8021	40	8021	40	Assignment recordation		
1203	290	2203	145	Multiple dependent claim, if not paid							1801	770	2801	385	For Filing RCE		
1204	84	2204	43	*Reissue independent claims over original patent							1814	110	2814	55	Terminal Disclaimer		
1205	18	2205	9	*Reissue claims in excess of 20 and over original patent							OTHER (indicate below):						

* or number previously paid, if greater; For Reissues, see above

SUBTOTAL (3) \$0.00

Name	Steven B. Kelber	Registration No.	30,073
Signature		Date	March 11, 2004
Name	Christopher W. Raimund	Registration No.	47,258
		Telephone	202-861-3900